MINIATURE THRASHER AND SEPARATOR

W. W. MACKIE AND A. H. HOFFMAN

Agricultural experiment stations have long sought a satisfactory machine for thrashing and separating the single bundle harvests of the rod-row experimental plots, which would clean itself automatically without stopping between bundles. To meet this need a new machine has been designed and built by the Agricultural Engineering Division of the University of California. It did excellent work at the University Farm at Davis this season.

The machine was designed to have the following characteristics:

1. Thorough removal of the grain from the head.
2. Little or no injury to grain by cracking or scratching.
3. Removal of straw and chaff without loss of grain.

1 Contribution from the Division of Agronomy and of Agricultural Engineering, University of California, Berkeley, Calif. Received for publication November 24, 1923.
2 Assistant Professor of Agronomy and of Agricultural Engineering, respectively.